

## Claims

- [c1] 1. A remotely accessible centralized medical information system, said system comprising:  
a data generator for generating medical data storable in a data center;  
at least one data retriever for retrieving data from a data center; and  
a data center for storing data, said data center accessible from said at least one data retriever, said at least one data retriever located at at least one distinct geographic retrieval point.
- [c2] 2. The system of claim 1, wherein said data generator comprises a mobile imaging unit.
- [c3] 3. The system of claim 1, wherein said data retriever comprises a mobile imaging unit.
- [c4] 4. The system of claim 1, wherein said data retriever comprises a healthcare facility.
- [c5] 5. The system of claim 1, wherein said data generator comprises a healthcare facility.
- [c6] 6. The system of claim 1, wherein said data center comprises an application service provider.
- [c7] 7. The system of claim 1, wherein said data generator generates medical images.
- [c8] 8. The system of claim 1, wherein said data generator generates medical reports.
- [c9] 9. A centralized medical information system, said system comprising:  
a data generator for generating data storable in a data center; and  
a data center for storing data, said data center geographically distinct from said data generator.
- [c10] 10. The system of claim 9, wherein said data generator comprises a mobile

imaging unit.

- [c11] 11. The system of claim 9, wherein said data generator comprises a healthcare facility.
- [c12] 12. The system of claim 9, wherein said data center comprises an application service provider.
- [c13] 13. A centrally accessible medical information system, said system comprising:  
a data retriever for retrieving data from a data center; and  
a data center for storing data, said data center geographically distinct from said data retriever.
- [c14] 14. The system of claim 13, wherein said data retriever comprises a healthcare facility.
- [c15] 15. The system of claim 13, wherein said data retriever comprises a mobile imaging unit.
- [c16] 16. The system of claim 13, wherein said data center comprises an application service provider.
- [c17] 17. A remotely accessible centralized medical application service provider system, said system comprising:  
a data center including at least one medical application, said data center including processing power for accessing said medical application; and  
a data retriever, said data retriever accessing the output of said medical application.
- [c18] 18. The system of claim 17, wherein said medical application retriever comprises a mobile imaging unit.
- [c19] 19. The system of claim 17, wherein said medical application retriever comprises a healthcare facility.
- [c20] 20. The system of claim 17, wherein said medical application center also

stores administrative applications.

- [c21] 21. A remotely accessible centralized data storage system for mobile medical imaging, said system comprising:
- a mobile imaging unit including medical imaging equipment;
  - a data center storing medical information in electronic form; and
  - a mobile imaging unit/data center communication interface allowing medical information to be transmitted between said mobile imaging unit and said data center.
- [c22] 22. The system of claim 21, further comprising a healthcare facility and a healthcare facility/data center communication interface allowing medical information transmission between said data center and said healthcare facility.
- [c23] 23. The system of claim 22, further comprising an authentication module for authorizing access to said data center from at least one of said healthcare facility and said mobile imaging unit.
- [c24] 24. A method for remotely storing medical information, said method comprising:
- transmitting medical information collected from a patient at a mobile imaging unit to a data center; and
  - storing said medical information at said data center.
- [c25] 25. The method of claim 24, wherein said step of storing includes authenticating access to said data center.
- [c26] 26. The method of claim 24, further comprising the step of retrieving said medical diagnostic information from said data center.
- [c27] 27. The method of claim 26, wherein the step of retrieving includes authenticating access to said data center.
- [c28] 28. A method of communicating between a mobile imaging unit and a healthcare facility, said method comprising:

transmitting information from said mobile imaging unit to a data center; and  
retrieving said information from said data center at said healthcare facility.

- [c29] 29. A system for communication between a mobile imaging unit and a healthcare facility, said system comprising:  
a mobile imaging unit capable of transmitting medical diagnostic information;  
a data center capable of receiving said medical diagnostic information, storing said medical diagnostic information, and transmitting said medical diagnostic information; and  
a healthcare facility capable of accessing said medical diagnostic information from said data center.
- [c30] 30. The system of claim 29, wherein said data center is further capable of storing medical applications and executing medical applications.
- [c31] 31. The system of claim 30, wherein said mobile imaging unit is further capable of executing medical applications via said data center.
- [c32] 32. The system of claim 30, wherein said healthcare facility is further capable of executing medical applications via said data center.
- [c33] 33. A method for remotely accessing medical information, said method comprising:  
accessing a data center from a remote location; and  
retrieving medical information from said data center.
- [c34] 34. The method of claim 33, wherein said step of accessing includes authenticating access to said data center.